

IN THE CLAIMS:

In the claims, add the following claims:

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36. The method of repairing a diseased or injured tissue in a patient, comprising the steps of surgically obtaining a healthy chondrocyte specimen from a different part of the patient's body, rapidly growing high-quality chondrocytes externally of the patient's body, and surgically implanting the rapidly-grown high-quality chondrocytes into the diseased or injured tissue of the patient, such that the high-quality chondrocytes regenerate within the patient's body, thereby producing a long-term cure of the patient's diseased or injured tissue.
37. The method of claim 36, wherein the high-quality chondrocytes are grown by spin-culture.
38. The method of claim 36, further including the step of growing the chondrocytes in a reduced oxygen environment.
39. The method of claim 36, further including the step of growing the chondrocytes on a biodegradable scaffold.
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